

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

97,022-N2

Serial No.

09/716,732



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|----|-----------------|--------------|----------------|-------|----------|----------------------------|
| LVC | 1. | 4,762,701 | Aug 9, 1988 | Horan et al. | | | |
| | 2. | 4,783,401 | Nov 8, 1998 | Horan et al. | | | |
| | 3. | 4,859,584 | Aug 22, 1989 | Horan et al. | | | |
| LVC | 4. | 5,401,629 | Mar 28, 1995 | Harpold et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----|-----------------|---------------|---------|-------|----------|-----------------|----------------|
| LVC | 10. | WO 95/21191 | Aug 10, 1995 | | | | | |
| | 11. | WO 96/09598 | Mar 28, 1996 | | | | | |
| | 12. | WO 96/23898 | Aug 8, 1996 | | | | | |
| LVC | 13. | WO 96/27675 | Sept 12, 1996 | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|------------------------------|-----|---|
| LVC | 26. | Baldwin, (1996), Annu Rev Immunol, 14:649-683. |
| | 27. | Barak et al., (1997), J. Biol. Chem, 272(44):27497-27500. |
| | 28. | Barber et al., (1996), Neuroscience Letters, 207:17-20. |
| LVC | 29. | Beggs (1997), J. of Biomolec. Screening, 2(2):71-78. |
| EXAMINER <i>Qua. L. Cook</i> | | DATE CONSIDERED 3/17/04 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)

NOV 05 2001

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

97,022-N2

Serial No.

09746,732

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|----|-----------------|---------------|----------------|-------|----------|----------------------------|
| LVC | 5. | 5,436,128 | July 25, 1995 | Harpold et al. | | | |
| | 6. | 5,491,084 | Feb 13, 1996 | Chalfie et al. | | | |
| | 7. | 5,599,681 | Feb 4, 1997 | Epstein et al. | | | |
| LVC | 8. | 5,989,835 | Nov 23, 1999 | Dunlay, et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----|-----------------|--------------|---------|-------|----------|-----------------|----------------|
| LVC | 14. | WO 97/43732 | Nov 20, 1997 | | | | | |
| | 15. | WO 98/38490 | Sept 3, 1998 | | | | | |
| | 16. | WO 00/17643 | Mar 30, 2000 | | | | | |
| LVC | 17. | WO 00/26408 | May 11, 2000 | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|-----|---|
| LVC | 30. | Bislang et al., (1999), J. Neuroscience Methods, 92:75-85. |
| | 31. | Bright et al., (1987), J. Cell Biol., 104:1019-1033. |
| | 32. | Bright et al., (1989), J. Cell. Physiol., 141:410-419. |
| LVC | 33. | Bright et al., (1989), Methods in Cell Biology, 30:157-192. |
| EXAMINER <i>Olisa R. Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/16,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
REC 12 2001
RECEIVED 1600/2900

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|----|-----------------|--------------|--------|-------|----------|----------------------------|
| LVC | 9. | 6,103,479 | Aug 15, 2000 | Taylor | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Country | Class | Subclass | Translation | |
|------------------|-----|-----------------|--------------|---------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| LVC | 18. | WO 00/03246 | Mar 30, 2000 | | | | | |
| | 19. | WO 00/50872 | Aug 31, 2000 | | | | | |
| | 20. | WO 00/70342 | Nov 23, 2000 | | | | | |
| LVC | 21. | WO 00/79241 | Dec 28, 2000 | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.).

| | | |
|-----------------------------|-----|--|
| LVC | 34. | Bright et al., (1996), Cytometry, 24:226-233. |
| | 35. | Brugmans et al., (1983), Cytometry, 3: (4), pp. 262-268. |
| | 36. | Cellomics, Inc., (2000) "Neurite Outgrowth," http://www.cellomics.com/html/products/neurite_outgrowth.htm , 2000, pages 1-3. |
| LVC | 37. | Chalfie et al., (1994), Science, 263:802-805. |
| EXAMINER <i>Qua. K Cook</i> | | DATE CONSIDERED <i>3/17/01</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

97,022-N2

Serial No.

09/716,732

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
TECH CENTER 1600/2900
DEC 12 2001

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|--|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document Number | Date | Country | Class | Subclass | Translation | |
|------------------|-----|-----------------|---------------|---------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| LVC | 22. | WO 01/11340 | Feb 15, 2001 | | | | | |
| | 23. | WO 01/11341 | Feb 15, 2001 | | | | | |
| | 24. | WO 01/35072 | May 17, 2001 | | | | | |
| LVC | 25. | WO 01/42786 | June 14, 2001 | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|--------------------------------|-----|---|
| LVC | 38. | Chow et al., (1997) Science, 278:1638-1641. |
| | 39. | Cohen, (1997), Biochemical J., 326:1-16. |
| | 40. | Coso et al., (1995) Cell, 81:1137-1146. |
| LVC | 41. | Cubitt et al., (1995), Trends in Biochemical Science, 20:448-455. |
| EXAMINER <i>Olivia. X Cook</i> | | |
| DATE CONSIDERED <i>3/17/04</i> | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09716,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
FEB 12 2001
RECEIVED
1000/2900

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----------------|------|---------|-------|----------|-----------------|----------------|
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|-----|---|
| LVC | 42. | Daaka et al., (1998), J. Biol. Chem., 273(2):685-688. |
| | 43. | Davis et al., (1995), Dev. Biology, 170:726-729. |
| | 44. | DeBiasio et al., (1996), Mol. Biol. Cell, 7:1259-1282. |
| | 45. | Denk et al., (1990), Science, 248:73-76. |
| | 46. | Deprez et al., (1997), J. Biol. Chem., 272(28):17269-17275. |
| | 47. | Ding et al., (1998), J. Biol. Chem., 273(44):28897-28905. |
| LVC | 48. | Ellenberg, et al., (1997), J. Cell Biol., 138(6):1193-1206. |
| EXAMINER <i>Olivia K Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/26,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
DEC 12 2001
TECHNICAL CENTER 1000/2900

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----------------|------|---------|-------|----------|-----------------|----------------|
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|-----|---|
| L/C | 49. | Farkas et al., (1993), Annu. Rev. Physiol., 55:785-817. |
| | 50. | Federov et al., (1994), J. Mol. Biol., 241:480-482. |
| | 51. | Firestone et al., (1991), Cytometry, 12:195-206. |
| | 52. | Gerritsen et al., (1997), J. of Fluorescence, 7(1):11-15. |
| | 53. | Giuliano et al., (1987), Anal. Biochem., 167:362-371. |
| | 54. | Giuliano et al., (1990), Optical Microscopy for Biology, pp. 543-557. |
| L/C | 55. | Giuliano et al., (1995), Annu. Rev. of Biophysics and Biomolecular Structure, 24:405-434. |
| EXAMINER <i>Olivia K Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09716,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
DEC 12 2001
TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|----------------------------------|-----|--|
| LVC | 56. | Giuliano et al., (1995), Curr. Op. Cell Biol., 7:4-12. |
| | 57. | Giuliano et al., (1995), Methods in Neuroscience, 27:1-16. |
| | 58. | Giuliano, (1996), Cell Motil. Cytoskel., 35:237-253. |
| | 59. | Go et al., (1997), Analytical Biochemistry, 247:210-215. |
| | 60. | Goldman et al., (1995), Experimental Cell Research, 221:311-319. |
| | 61. | Gonzales et al., (1987), Digital Image Processing, pp. 391-448. |
| LVC | 62. | Gough et al., (1993), J. Cell Biol., 121(5):1095-1107. |
| EXAMINER <i>Qisa. & Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/16,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|-----|--|
| LVC | 63. | Graham et al., (1973), Virology, 52:456-467. |
| | 64. | Gratton et al., (1994), Proc. of the Microscopical Society of America, pp. 154-155. |
| | 65. | Groen et al., (1985), Cytometry, 6:81-91. |
| | 66. | Hahn et al., (1992), Nature, 359:736-738. |
| | 67. | Hahn et al., (1993), Fluorescent and Luminescent Probes for Biological Activity, pp. 349-359 |
| | 68. | Hall et al., (1997), Proc. Nat. Acad. Sci., 94:4733-4738. |
| LVC | 69. | Hall et al., (1999), J Biol Chem., 274(1):376-383. |
| EXAMINER <i>Alisa. K Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

716,732

DEC 12 2001
TECH CENTER 1600/2900

RECEIVED

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

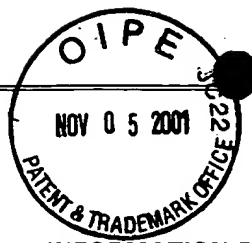
| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|--------------------------------|-----|---|
| L/C | 70. | Han et al., (1995), Biochim. Biophys. Acta., 1265:224-227. |
| | 71. | Harms et al., (1984), Cytometry, 5:236-243. |
| | 72. | Harootunian et al., (1993), Mol. Biol. of the Cell, 4:993-1002. |
| | 73. | Heim et al., (1996), Curr. Biol., 6:178-182. |
| | 74. | Hoey et al., (1998), Curr Opin Genet Dev., 8:582-587. |
| | 75. | Htun et al., (1996), Proc. Natl. Acad. Sci., 93:4845-4850. |
| L/C | 76. | Hu et al., (1995), FEBS Letters, 369:331-334. |
| EXAMINER <i>Oliver. X Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09726,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

RECEIVED
TIC CENTER 1600/2900
DEC 12 2001

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|------------------------------|-----|--|
| LVC | 77. | Jaaro et al., (1997), Proc. Natl. Acad. Sci. U.S.A., 94:3742-3747. |
| | 78. | Johnson et al., (1996), Cell, 85:149-158. |
| | 79. | Kaech et al., (1996), Neuron., 17:1189-1199. |
| | 80. | Kaether et al., (1995), FEBS Letters, 369:267-271. |
| | 81. | Kessler et al., (1991), Spectrochimica Acta, 47A(2):187-192. |
| | 82. | Keßler et al., (1996), FEBS Letters, 395:225-227. |
| LVC | 83. | Kislauskis et al., (1994), J. Cell Biol., 127(2):441-451. |
| EXAMINER <i>Jason K Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/16,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----------------|------|---------|-------|----------|-----------------|----------------|
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-----------------------------|-----|--|
| Lyc | 84. | Kittler et al., (1985), Computer Vision, Graphics, and Image Processing, 30:125-147. |
| | 85. | Kolega et al., (1993), Bioluminescence, 1:136-150. |
| | 86. | Kuo et al., (1999), Annu Rev Immunol., 17:149-187. |
| | 87. | Lakowicz et al., (1992), Anal. Biochem., 202:316-330. |
| | 88. | Lambrechts et al., (1995), Eur. J. Biochem., 230:281-286. |
| | 89. | Lee et al., (1996), Biochemistry, 35:6010-6019. |
| Lyc | 90. | Lee et al., (1997), Biochemistry, 36:2701-2708. |
| EXAMINER <i>Qua. X Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/716,

TECH CENTER 1600/2900

DEC 12 2001

RECEIVED

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|------------------|-----------------|------|---------|-------|----------|-----------------|----------------|
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|-----|---|
| LVC | 91. | Liang et al., (1997), J. of Molec. Biol., 274:291-302. |
| | 92. | Liu et al., (1998), Curr Opin Immunol., 10:271-278. |
| | 93. | Martinez-Zaguilan et al., (1996), Am. J. Physiol., 270:C1438-C1446. |
| | 94. | Masuda et al., (1998), Cell Signal., 10(9):599-611. |
| | 95. | McCaffrey et al., (1996), J. Biomolec. Screening, 1(4):187-190. |
| | 96. | McCann et al., (1997), Proc. Natl. Acad. Sci., 94:5679-5684. |
| LVC | 97. | McNeil, (1989), Methods in Cell Biology, 29:153-173. |
| EXAMINER <i>Olivia X Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/716,732

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|------------------------------|------|---|
| LVC | 98. | Morise et al., (1974), Biochemistry, 13(12):2656-2662. |
| | 99. | Olson et al., (1995), J. Cell Biol., 130(3):639-650. |
| | 100. | Palm et al., (1997), Nat. Struct. Biol., 4(5):361-365. |
| | 101. | Paolillo et al., (1999), J Biol Chem., 274(10):6546-6552. |
| | 102. | Presley et al., (1997), Nature, 389:81-85. |
| | 103. | Proffitt et al., (1996), Cytometry, 24:204-213. |
| LVC | 104. | Ramakers et al., (1998), Developmental Brain Research, 108:205-216. |
| EXAMINER <i>Alisa K Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

97,022-N2

Serial No.

09/716,732

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|------------------------------|------|--|
| LVC | 106. | Rao et al., (1997), Annu Rev Immunol., 15:707-747. |
| | 106. | Ridler et al., (1978), IEEE Trans. Systems, Man, and Cybernetics, 8:630-632. |
| | 107. | Rizzuto et al., (1995), Curr. Biology, 5(6):635-642. |
| | 108. | Russ, (1992), The Image Processing Handbook, CRC Press Inc., 225-275. |
| | 109. | Schaeffer et al., (1999), Mol Cell Biol., 19(4):2435-2444. |
| | 110. | Self et al., (1995), Methods in Enzymology, 256:3-10. |
| LVC | 111. | Shimoura et al., (1988), J. of Biochemistry, 251:405-410. |
| EXAMINER <i>Alisa X Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

97,022-N2

Serial No.

09/716-32

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-----------------------------|------|---|
| L/C | 112. | Southwick et al., (1990), Cytometry, 11:418-430. |
| | 113. | Strehlow et al., (1998), J. Biol. Chem., 273(43):28049-28056. |
| | 114. | Sutoh, (1982), Biochemistry, 21:3654-3661. |
| | 115. | Tanaka et al., (1995), Methods in Enzymology, 256:41-49. |
| | 116. | Taylor et al., (1992), American Scientist, 80:322-335. |
| | 117. | Taylor et al., (1994), J. Biol. Chem., 269(1):308-318. |
| | 118. | Taylor et al., (1996), Intl. Soc. for Optical Engineering, 2678: 15-27. |
| L/C | 119. | Thomas et al., (1979), Biochemistry, 18(11):2210-2218. |
| EXAMINER <i>Olisa. Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)



U.S. Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.

97,022-N2

Serial No.

09/16,732

TECH CENTER 1600/2900
LVC 1 2 2001

RECEIVED

Applicant:

Rickik N. Ghosh et al.

Filing Date:

November 20, 2000

Group:

1641

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|-----------------|------|------|-------|----------|----------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|---------------------|-----------------|------|---------|-------|----------|-----------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

| | | |
|-------------------------------|------|--|
| LVC | 120. | Tibbles et al. (1999), Cell Mol Life Sci., 55:1230-1254. |
| | 121. | Tsien, (1989), Methods in Cell Biology, 30:127-156. |
| | 122. | Tyagi et al., (1996), Nat. Biotechnol., 14:303-308. |
| | 123. | Waggoner et al., (1996), Hum. Pathol., 27:494-502. |
| | 124. | Walker et al., (1993), J. Biol. Chem. 268:19552-19558. |
| | 125. | Ward et al., (1980), Photochem. Photobiol., 31:611-615. |
| | 126. | Welch et al., (1995), In Vitro Cell. Dev. Biol.-Animal 31:610-616. |
| LVC | 127. | Zhao et al., (1999), J. Biol Chem., 274(13):8355-8358. |
| EXAMINER <i>Olisa. R Cook</i> | | DATE CONSIDERED <i>3/17/04</i> |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.